

FARM GATE ASSESSMENT - SOYBEAN DATA - CROP YEAR 2008 - MINNESOTA

Sample Number	Grade #	Class	TW (lbs/bu)	MT (%)	QUALITY BREAKOUT					FM BREAKOUT												
					Damage		Foreign Material (%)	Splits (%)	SBOC (%)	ODOR	Protein (%)	Oil (%)	Totals (%)					Grand Total				
					Total (%)	HT (%)							Fine	Coarse	Soybean Pieces	Dirt	Pods	Plant Parts	Corn/OG	Weed Seeds		
MN 1001	1	YSB	56.6	12.5	0.0	0.0	0.2	8.8	0.0	0.0	34.5	17.7	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.2		
MN 1002	1	YSB	56.5	12.5	0.0	0.0	0.2	1.0	0.0	0.0	34.2	17.9	0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.2		
MN 1003	1	YSB	54.9	14.3	1.3	0.1	0.3	3.8	0.0	0.0	35.3	18.2	0.1	0.2	0.1	0.0	0.2	0.0	0.0	0.3		
MN 1004	2	YSB	55.8	16.6	0.0	0.0	1.6	0.9	0.0	0.0	34.5	18.6	1.4	0.2	0.1	0.1	0.2	0.4	0.0	0.7	0.1	1.6
MN 1005	1	YSB	54.3	15.9	0.0	0.0	0.5	1.9	0.0	0.0	34.5	18.4	0.3	0.2	0.1	0.0	0.2	0.2	0.0	0.0	0.0	0.5
MN 1006	1	YSB	56.7	11.3	0.4	0.0	0.6	1.7	0.0	0.0	34.0	17.7	0.5	0.1	0.1	0.0	0.1	0.2	0.0	0.0	0.2	0.6
MN 1007	1	YSB	57.0	15.0	0.0	0.0	0.5	1.3	0.0	0.0	33.8	17.8	0.4	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.2	0.5
MN 1008	2	YSB	57.5	12.8	0.1	0.0	1.5	2.7	0.0	0.0	33.9	17.8	1.5	0.0	0.3	0.0	0.1	0.1	0.1	0.8	0.1	1.5
MN 1009	1	YSB	57.3	15.8	0.0	0.0	0.1	3.5	0.0	0.0	33.7	18.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
MN 1010	1	YSB	56.8	12.7	0.0	0.0	0.1	5.2	0.0	0.0	32.9	19.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
MN 1011	1	YSB	59.3	11.2	0.0	0.0	0.3	8.5	0.0	0.0	33.8	18.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
MN 1012	1	YSB	58.7	12.3	0.1	0.0	1.0	2.4	0.1	0.0	32.0	18.9	1.0	0.0	0.2	0.0	0.2	0.1	0.0	0.0	0.5	1.0
MN 1013	1	YSB	58.7	12.1	0.0	0.0	0.2	4.7	0.0	0.0	34.3	18.1	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2
MN 1014	1	YSB	58.2	12.7	0.0	0.0	0.1	1.1	0.1	0.0	34.5	18.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
MN 1015	1	YSB	56.9	12.4	0.0	0.0	0.1	2.5	0.0	0.0	33.9	18.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
MN 1016	1	YSB	58.9	12.1	0.0	0.0	0.0	1.2	0.0	0.0	33.6	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MN 4001	1	YSB	58.2	10.6	0.3	0.0	1.0	2.3	0.0	0.0	32.9	17.8	0.8	0.2	0.3	0.1	0.2	0.2	0.2	0.0	0.0	1.0
MN 4002	1	YSB	58.4	10.7	0.0	0.0	0.6	0.8	0.0	0.0	32.9	17.9	0.6	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.6
MN 4003	1	YSB	58.3	10.7	0.1	0.0	0.4	1.1	0.0	0.0	32.9	17.8	0.4	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.4
MN 4004	1	YSB	57.5	13.3	0.0	0.0	0.3	1.8	0.0	0.0	32.7	18.4	0.3	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.3
MN 4005	1	YSB	57.7	12.8	0.0	0.0	0.3	0.4	0.0	0.0	33.4	18.7	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3
MN 4006	1	YSB	58.4	13.2	0.1	0.0	0.3	0.0	0.0	0.0	32.2	17.6	0.2	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.3
MN 4007	1	YSB	58.4	12.4	0.0	0.0	0.7	5.6	0.0	0.0	33.2	18.6	0.7	0.0	0.4	0.0	0.0	0.3	0.0	0.0	0.0	0.7
MN 4008	1	YSB	58.0	13.8	0.0	0.0	0.6	1.7	0.0	0.0	31.2	19.1	0.4	0.2	0.2	0.0	0.2	0.1	0.1	0.0	0.0	0.6
MN 4017	1	YSB	57.2	12.7	0.0	0.0	0.5	2.5	0.0	0.0	33.3	18.0	0.4	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.0	0.5
MN 4019	1	YSB	57.1	15.0	0.0	0.0	0.0	2.2	0.0	0.0	35.7	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MN 4020	1	YSB	56.3	15.7	0.0	0.0	0.6	2.5	0.0	0.0	33.6	18.8	0.4	0.2	0.2	0.0	0.2	0.2	0.0	0.0	0.0	0.6
MN 4021	1	YSB	57.3	11.5	0.0	0.0	0.6	1.1	0.0	0.0	32.8	18.3	0.6	0.0	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.6
MN 4022	1	YSB	55.9	13.5	0.0	0.0	0.2	2.2	0.0	0.0	34.6	18.2	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2
MN 4023	1	YSB	56.4	16.8	0.0	0.0	0.1	0.1	0.0	0.0	31.7	19.4	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
MN 5001	1	YSB	58.5	12.0	0.3	0.0	0.6	1.1	0.0	0.0	32.8	19.1	0.5	0.1	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.6
MN 5002	1	YSB	58.9	12.0	0.0	0.0	0.7	1.0	0.0	0.0	33.3	18.4	0.7	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.7
MN 5003	1	YSB	57.8	13.9	0.0	0.0	0.0	0.5	0.0	0.0	33.3	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MN 5004	2	YSB	57.6	12.5	0.0	0.0	1.6	2.1	0.0	0.0	33.0	17.7	1.6	0.0	0.1	0.0	0.0	0.2	1.3	0.0	0.0	1.6
MN 5005	1	YSB	57.2	13.1	0.0	0.0	0.2	2.5	0.0	0.0	34.1	18.7	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2
MN 5006	2	YSB	56.7	13.2	0.0	0.0	1.3	4.0	0.0	0.0	34.1	18.7	0.3	1.0	0.0	0.0	0.1	0.3	0.9	0.0	0.0	1.3
MN 6001	1	YSB	58.8	10.8	0.0	0.0	0.2	1.9	0.0	0.0	32.3	17.8	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2
MN 6002	1	YSB	56.4	13.6	0.0	0.0	0.3	1.6	0.0	0.0	33.5	18.9	0.3	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.3
MN 6003	1	YSB	57.7	15.1	0.0	0.0	0.2	4.1	0.0	0.0	33.3	19.6	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
MN 7001	1	YSB	57.5	10.4	0.0	0.0	0.0	0.2	0.0	0.0	34.3	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MN 7002	1	YSB	57.3	11.1	0.2	0.0	0.6	3.3	0.0	0.0	34.6	18.2	0.6	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.3	0.6
MN 7003	1	YSB	57.6	12.0	0.0	0.0	0.1	2.8	0.0	0.0	34.2	18.4	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1

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Sample Number	Grade #	Class	TW (lbs/bu)	MT (%)	QUALITY BREAKOUT					FM BREAKOUT											
					Damage		Foreign Material (%)	Splits (%)	SBOC (%)	ODOR	Protein (%)	Oil (%)	Totals (%)					Grand Total			
					Total (%)	HT (%)							Fine	Coarse	Soybean Pieces	Dirt	Pods	Plant Parts	Corn/OG	Weed Seeds	
MN 7004	1	YSB	57.7	11.0	0.0	0.0	0.3	3.6	0.0	0.0	35.2	17.3	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.3	
MN 7005	1	YSB	57.4	12.0	0.1	0.0	0.7	0.8	0.0	0.0	35.9	17.9	0.6	0.1	0.2	0.0	0.1	0.2	0.1	0.0	0.7
MN 7006	1	YSB	57.6	13.9	0.0	0.0	0.1	0.6	0.0	0.0	35.2	17.6	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
MN 7007	1	YSB	57.9	13.0	0.0	0.0	0.2	1.0	0.0	0.0	34.8	17.8	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
MN 7008	1	YSB	58.2	12.9	0.0	0.0	0.2	2.1	0.0	0.0	35.1	17.9	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2
MN 7009	1	YSB	57.6	13.1	0.0	0.0	0.2	1.5	0.0	0.0	34.6	18.0	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2
MN 7010	1	YSB	58.0	12.9	0.0	0.0	0.1	1.3	0.0	0.0	34.5	17.4	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
MN 7011	1	YSB	56.1	12.7	0.0	0.0	0.3	1.6	0.0	0.0	33.9	18.9	0.3	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.3
MN 7012	1	YSB	56.2	12.4	0.0	0.0	0.1	2.6	0.0	0.0	34.3	18.6	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
MN 7013	1	YSB	56.0	11.5	0.0	0.0	0.4	7.8	0.0	0.0	33.8	18.4	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.4
MN 7014	1	YSB	57.5	12.0	0.0	0.0	0.4	1.1	0.0	0.0	35.7	17.8	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.4
MN 7015	1	YSB	56.0	12.6	0.0	0.0	0.8	2.2	0.0	0.0	34.0	19.0	0.5	0.3	0.0	0.0	0.0	0.4	0.4	0.0	0.8
MN 7016	1	YSB	56.9	12.3	0.0	0.0	0.1	1.6	0.0	0.0	34.7	18.4	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
MN 7017	1	YSB	55.1	12.3	0.0	0.0	0.1	3.5	0.0	0.0	33.6	18.9	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
MN 7018	1	YSB	55.4	11.5	0.0	0.0	0.1	8.1	0.0	0.0	35.0	18.6	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
MN 7019	1	YSB	56.7	11.9	0.0	0.0	0.6	2.9	0.0	0.0	34.8	18.0	0.5	0.1	0.1	0.0	0.3	0.2	0.0	0.0	0.6
MN 7020	1	YSB	57.1	11.2	0.0	0.0	0.7	3.0	0.0	0.0	34.4	18.0	0.7	0.0	0.1	0.0	0.3	0.3	0.0	0.0	0.7
MN 7021	1	YSB	57.5	11.9	0.0	0.0	0.4	1.3	0.0	0.0	34.0	18.3	0.4	0.0	0.2	0.0	0.1	0.1	0.0	0.0	0.4
MN 7022	1	YSB	57.5	11.4	0.0	0.0	0.5	0.9	0.0	0.0	35.6	17.5	0.4	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.5
MN 7023	1	YSB	56.5	11.3	0.0	0.0	0.1	3.1	0.0	0.0	34.2	18.4	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
MN 7024	1	YSB	56.3	11.8	0.0	0.0	0.5	7.5	0.4	0.0	34.3	18.2	0.5	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5
MN 7025	1	YSB	57.4	11.0	0.0	0.0	0.2	0.7	0.0	0.0	32.7	18.8	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2
MN 7026	1	YSB	57.4	11.5	0.3	0.0	0.5	1.5	0.0	0.0	35.1	17.8	0.5	0.0	0.1	0.0	0.3	0.1	0.0	0.0	0.5
MN 8001	1	YSB	57.6	12.6	0.0	0.0	0.2	1.5	0.1	0.0	33.5	18.8	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
MN 8002	1	YSB	57.7	12.4	0.0	0.0	0.1	1.3	0.0	0.0	32.8	19.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
MN 8003	1	YSB	55.8	12.6	0.0	0.0	0.3	4.4	0.0	0.0	33.2	19.5	0.3	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.3
MN 8004	1	YSB	58.0	11.9	0.0	0.0	0.3	0.4	0.1	0.0	33.5	18.8	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.3
MN 8005	1	YSB	57.8	11.8	0.0	0.0	0.2	4.6	0.0	0.0	33.1	19.3	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
MN 8006	1	YSB	57.8	11.9	0.0	0.0	0.1	0.9	0.0	0.0	34.0	18.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
MN 8007	1	YSB	57.5	13.7	0.0	0.0	0.1	2.7	0.0	0.0	33.8	18.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
MN 8008	1	YSB	58.0	14.1	0.0	0.0	0.0	1.2	0.0	0.0	32.8	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MN 8009	1	YSB	57.7	16.1	1.2	0.0	0.7	3.2	0.0	0.0	36.9	15.5	0.5	0.2	0.0	0.0	0.2	0.3	0.2	0.0	0.7
MN 8010	1	YSB	56.2	13.0	0.0	0.0	0.1	3.3	0.0	0.0	34.9	18.2	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
MN 8011	1	YSB	57.0	12.9	0.0	0.0	0.3	5.3	0.0	0.0	33.7	18.8	0.3	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.3
MN 8012	1	YSB	57.4	15.0	0.2	0.0	0.2	0.8	0.0	0.0	34.2	18.4	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
MN 8013	1	YSB	56.0	13.7	0.0	0.0	0.4	2.0	0.0	0.0	34.7	18.4	0.3	0.1	0.0	0.1	0.2	0.0	0.0	0.1	0.4
MN 8014	1	YSB	56.2	14.8	0.2	0.0	0.9	0.5	0.0	0.0	33.9	19.0	0.9	0.0	0.1	0.1	0.0	0.1	0.0	0.6	0.0
MN 8018	1	YSB	56.4	14.3	0.0	0.0	0.2	1.7	0.0	0.0	35.1	18.1	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.2
MN 8019	1	YSB	56.1	13.2	0.0	0.0	0.4	1.3	0.0	0.0	39.0	18.7	0.4	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.4
MN 8020	1	YSB	57.0	12.4	0.0	0.0	0.1	0.4	0.0	0.0	32.5	19.6	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
MN 8021	1	YSB	57.2	12.2	0.0	0.0	0.0	0.9	0.0	0.0	33.6	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MN 8022	1	YSB	56.0	12.2	0.0	0.0	0.3	3.2	0.0	0.0	32.6	19.6	0.2	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.3

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					Total (%)	HT (%)							Totals (%)							(%)		
													Fine	Coarse	Soybean Pieces	Dirt	Pods	Plant Parts	Corn/ OG	Weed Seeds	Other Material	Grand Total
MN 8023	1	YSB	57.3	12.2	0.0	0.0	0.3	3.0	0.0	0.0	31.9	19.6	0.3	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.3	
MN 8024	1	YSB	57.4	12.2	0.0	0.0	0.2	0.4	0.0	0.0	33.6	17.8	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.2	
MN 9001	1	YSB	57.3	12.5	0.0	0.0	0.3	4.4	0.0	0.0	32.0	19.4	0.3	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.3	
MN 9002	1	YSB	56.5	12.3	0.0	0.0	0.7	8.7	0.0	0.0	33.5	19.0	0.6	0.1	0.3	0.0	0.1	0.1	0.1	0.1	0.7	
MN 9003	1	YSB	56.3	15.0	0.0	0.0	0.3	1.2	0.0	0.0	32.9	19.5	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.3	
MN 9004	1	YSB	56.7	12.4	0.0	0.0	0.2	2.3	0.0	0.0	33.9	18.9	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2	
MN 9005	1	YSB	56.9	15.4	0.0	0.0	0.2	0.5	0.4	0.0	33.6	19.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	
MN 9006	1	YSB	56.0	12.1	0.0	0.0	0.2	10.5	0.0	0.0	33.9	19.1	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2	
MN 9007	1	YSB	56.2	13.7	0.0	0.0	0.5	1.0	0.0	0.0	33.1	19.4	0.3	0.2	0.0	0.0	0.2	0.3	0.0	0.0	0.5	
MN 9008	1	YSB	57.7	11.5	0.3	0.0	0.6	4.2	0.0	0.0	33.4	18.7	0.6	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.6	

	QUALITY BREAKOUT								FM BREAKOUT								(%)			
	TW (lbs/bu)	MT (%)	Damage		Foreign Material (%)	Splits (%)	SBOC (%)	ODOR	Protein (%)	Oil (%)	Totals (%)							(%)		
			Total (%)	HT (%)							Fine	Coarse	Soybean Pieces	Dirt	Pods	Plant Parts	Corn/ OG	Weed Seeds	Other Material	Grand Total
Average	57.2	12.8	0.1	0.0	0.4	2.5	0.0	-	33.9	18.5	0.3	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.4
Minimum	54.3	10.4	0.0	0.0	0.0	0.0	0.0	-	31.2	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	59.3	16.8	1.3	0.1	1.6	10.5	0.4	-	39.0	19.6	1.6	1.0	0.4	0.2	0.3	0.4	1.3	0.8	0.5	1.6
Standard Deviation	0.9	1.4	0.2	0.0	0.3	2.2	0.1	-	1.1	0.7	0.3	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.3